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Assistant Commissioner for Patents, Washington, D.C. 20231, on December 19, 1997.

Jean A. Gillespie  
Jean A. Gillespie

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Hirokazu Sugihara et al.

Serial No.: 08/913,811

Filing Date: 24 September 1997

For: METHOD OF MEASURING THE  
PHYSICAL AND CHEMICAL  
PROPERTIES OF TISSUE OR CELLS  
AND DEVICE FOR THE SAME,  
METHOD OF TESTING MEDICINES  
AND DEVICE FOR THE SAME

Examiner: Unassigned

Group Art Unit: Unknown

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INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ Within three months of the application filing date or before receipt of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before a final Office Action or Notice of Allowance.
  - ☐ A fee is required. An authorization to charge the deposit account is provided below.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After receipt of a final Office Action or Notice of Allowance, but before payment of the issue fee. Accordingly, a Petition requesting consideration of the Information Disclosure Statement, an authorization to charge our deposit account, and a Certification under 37 C.F.R. § 1.97(e) are provided herein.

The Assistant Commissioner is hereby authorized to charge any fees which may be required by this statement to **Deposit Account Number 03-1952.**

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the

like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Dated: December 19, 1997

Respectfully submitted,

By: 

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 356972020100	Application Number 08/913,811
	Applicant Hirokazu Sugihara et al.	
	Filing Date 24 September 1997	Group Art Unit Unknown

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	0.						

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	1.	08/31/76	1 514 046	GB			
	2.	03/22/94	6-78889	Japan			Partial
	3.	10/04/90	WO 90/11371	PCT			
	4.	11/14/91	WO 91/17240	PCT			
	5.	09/17/92	WO 92/15700	PCT			

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	6.	Yamamoto, "In vitro synaptic activity" <u>Protein, nucleic acid and enzyme</u> (1977) <u>22</u> (6):502-505 (Partial English translation included).
	7.	Yamamoto, "Electrical activity of brain sector" <u>Protein, nucleic acid and enzyme</u> (1984) <u>29</u> (12):1205-1211 (Partial English translation included).
	8.	Suematsu et al., "α receptor" <u>Protein, nucleic acid and enzyme</u> (1984) <u>29</u> (12):1338-1352 (Partial English translation included).
	9.	Kuroda, "Adenosine/ATP receptor in nervous system and physiologic function" <u>Protein, nucleic acid and enzyme</u> (1984) <u>29</u> (12):1405-1423 (Partial English translation included).
	10.	Yamamoto, "Electrophysiological experiment using brain section" <u>Science of Human Body</u> (1972) <u>23</u> (3):143-150 (Partial English translation included).
	11.	Yamamoto, "Recent knowledge obtained by using a brain section sample" <u>Science of Human Body</u> (1981) <u>32</u> (5):425-429 (Partial English translation included).
	12.	Yamamoto et al., "Black widow spider venom: excitatory action on hippocampal neurons" <u>Brain Res.</u> (1982) <u>244</u> (2):382-386.
	13.	Gäehwiler et al., "Multiple actions of acetylcholine on hippocampal pyramidal cells in organotypic explant cultures" <u>Neuroscience</u> (1982) <u>7</u> (5):1243-1256.
	14.	Gonzales et al., "Cell and explant culture of olfactory chemoreceptor cells" <u>J. Neurosci.</u> (1985) <u>14</u> (2):77-90.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO 1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> DEC 23 1997 (Use several sheets if necessary)	Docket Number 356972020100	Application Number 08/913,811
	Applicant Hirokazu Sugihara et al.	
	Filing Date 24 September 1997	Group Art Unit Unknown

	<b>OTHER DOCUMENTS</b>	<i>(including author, title, Date, Pertinent Pages, Etc.)</i>
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Examiner Initials	Ref. No.	Title
	15.	Hazeki et al. "Modification by Islet-activating protein of receptor-mediated regulation of cyclic AMP accumulation in isolated rat heart cells" <u>J. Biol. Chem.</u> (1981) <u>256</u> (6):2856-2862.

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.